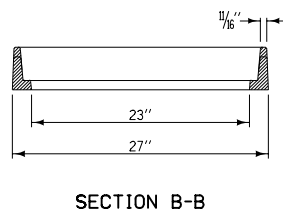
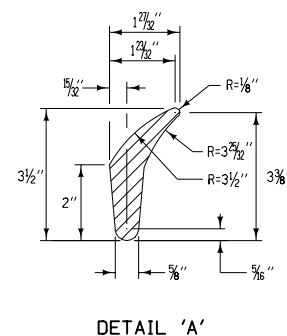


TYPE 11 GRATE  
Minimum Weight = 340 lbs.



TYPE 11 FRAME  
Minimum Weight = 224 lbs.




#### GENERAL NOTES:

The frame castings shall be ductile iron as specified in ASTM A 536, 45 + KSI yield and shall be cast essentially as detailed hereon.

Painting of casting is not required; however, if used, paint shall be evenly applied and neither sticky nor brittle when dry.

An identifiable trade name or mark may be imprinted on castings by the casting foundry.

 Iowa Department of Transportation Highway Division	
<b>STANDARD ROAD PLAN</b>	<b>RA-66D</b>
REVISION: Revise General Notes.	REVISION NO. 2
APPROVED BY: <i>William J. Allen</i> DESIGN METHODS ENGINEER	REVISION DATE 10-21-03
<b>INTAKE FRAME AND GRATE TYPE 11</b>	